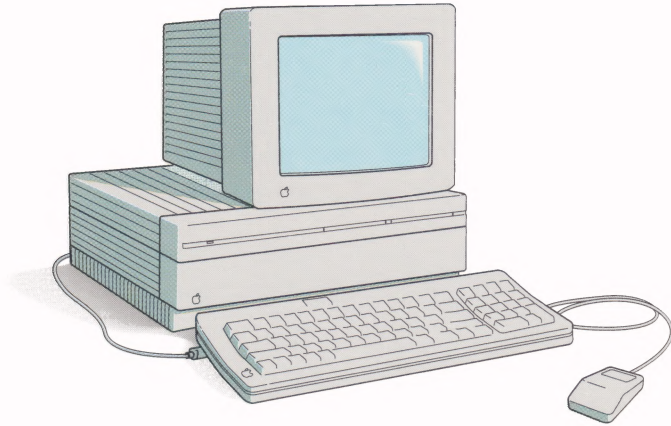




Setting Up Your Macintosh™ IIfx



This is a quick guide to setting up your Macintosh™ IIfx computer. Even if you have never used a Macintosh before, all you need to do is follow these instructions.

Your system may include optional cards and devices. Setup instructions for those cards and devices are provided in the manuals that came with them.

| Covered in this guide | Covered in other manuals |
|-------------------------|-------------------------------|
| Installing a video card | Installing other cards |
| Connecting a monitor | Connecting peripheral devices |
| Connecting a mouse | Connecting to a network |
| Connecting a keyboard | |

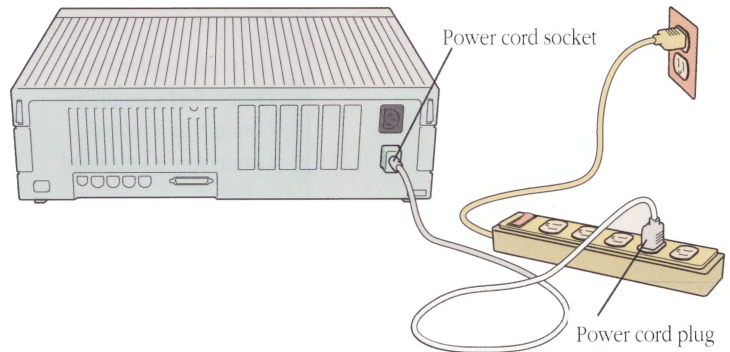
- ◆ **New Macintosh users**—It's easiest (and just as correct) to go straight through this guide without turning to other manuals along the way. You'll find a reminder about connecting optional equipment at the end of these instructions.
- ◆ **Experienced Macintosh users**—This guide refers you to other manuals at the appropriate points in the setup procedure. If you do go to another manual, return to these instructions when you finish the task that manual describes.

Set up your computer

Plugging in the computer

Plug in the Macintosh before connecting anything to it. The plug grounds the computer and protects it from electrical damage while you are setting up.

1. Plug the socket end of the power cord into the computer.
2. Plug the other end of the power cord into a three-hole grounded outlet or power strip.



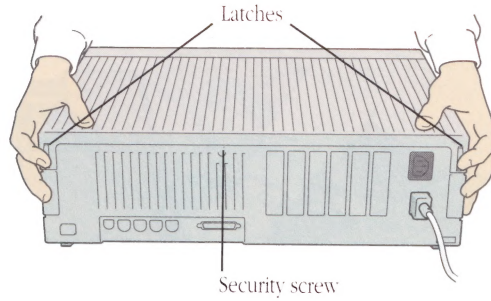
Installing a video card

Before connecting your monitor, you need to install the appropriate video card inside the computer.

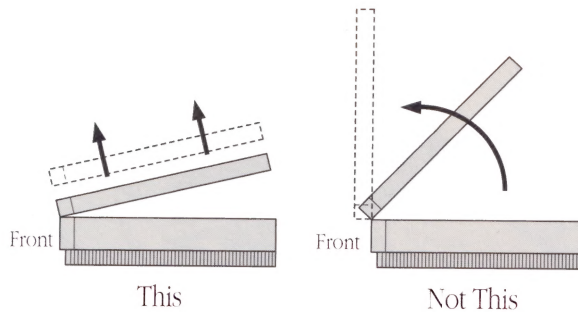
△ Important: No hazardous voltages are present outside the power supply, even when the power cord is plugged in. △

1. Remove the lid from the computer.

- Remove the security screw on the computer's back panel.

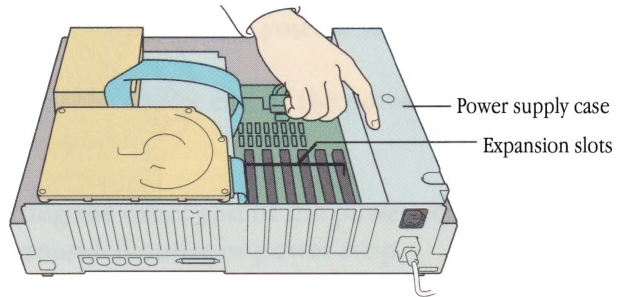


- Press the latches at the rear corners of the case and lift up on the back of the lid.
- Lift the lid away from the case. Avoid rotating the lid upward to a perpendicular position. (Don't be concerned if you hear a slight snapping sound. The lid needs to clear three small hooks inside the front of the case.)

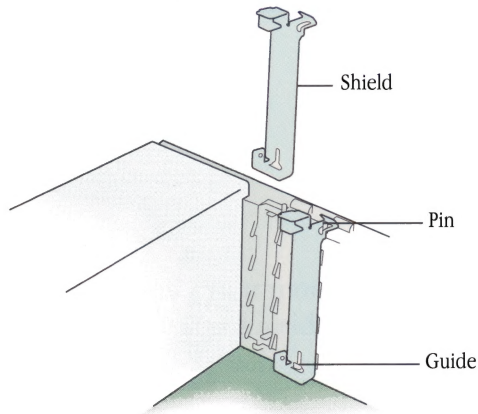


2. Touch the metal part of the power supply case inside the computer to discharge any static electricity that might be on your clothes or body.

Always do this before you touch any parts, or install any components, inside the computer.

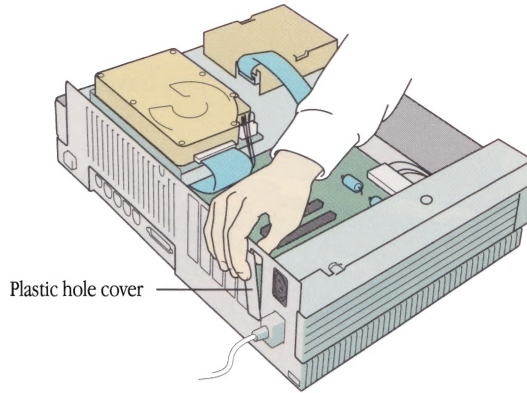


3. Choose an expansion slot (it doesn't matter which one), and remove its shield by lifting up until the shield is free of the guide and pin.



4. Push out the plastic hole cover for the slot you plan to use.

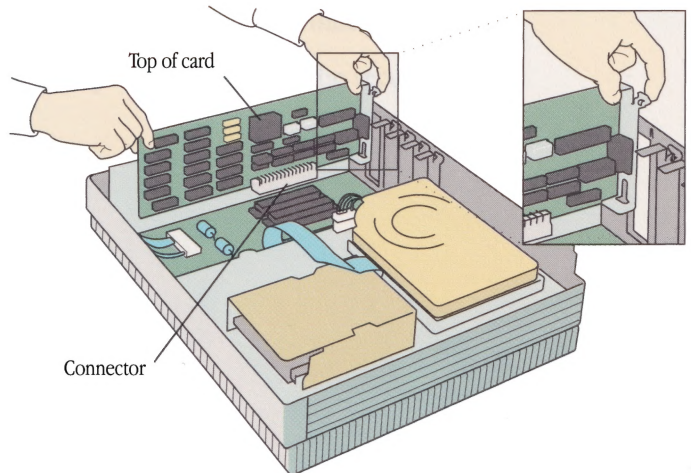
Save the shield and the hole cover; you may want to replace them later if you take the card out of the slot.



5. Remove the card from its static-proof bag.

Hold the card by its top edge to avoid touching the connector on the bottom of the card.

6. Align the card over the expansion slot.



7. Press down firmly on the card until the connector is seated.

- Don't force the card. If you meet a lot of resistance, pull it out and try again.
- To see if the card is properly connected, lift it gently. If it resists and stays in place, it's connected.

If you have no other cards to install, go on to step 8.

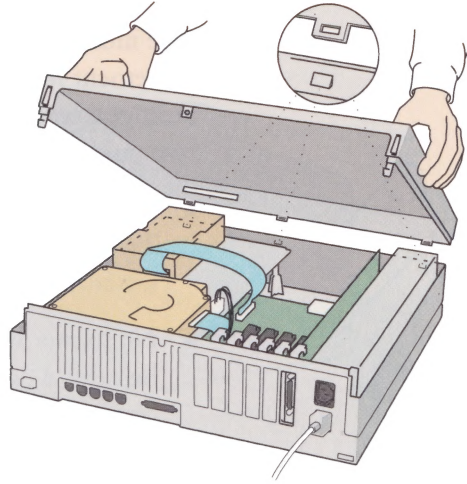
Installing other cards

If you have any other cards to install, put them in now, while the computer's case is open. If you are installing two or more cards, see Chapter 9 of the *Macintosh Reference* for information about power requirements and assuring adequate ventilation.

- To install other NuBusTM cards, repeat steps 2 through 7. (NuBus cards are designed specifically for the expansion slots of Macintosh II-family computers. Such cards are identified as NuBus cards on the packages they come in.)
- To install any other type of card, see the instructions that came with the card. Then return here to finish setting up your Macintosh.

8. Replace the lid on the computer.

- The front of the lid must catch the three hooks inside the case.



- Lower the back of the lid onto the case and press firmly on the back corners until you hear the rear latches snap into place.
- Press along the rear top edge of the case to make sure all the latches are connected.
- Replace and tighten the security screw.

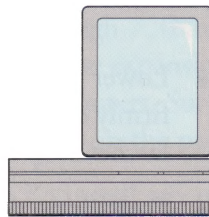
Connecting a monitor

You can use several types of monitors with your Macintosh IIx, but the steps for connecting them are basically the same.

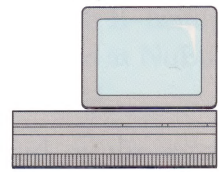
1. Place the monitor where you will be using it.

The illustration below shows examples of correct placement for several types of monitors. Many other arrangements are also possible, but please note these two guidelines:

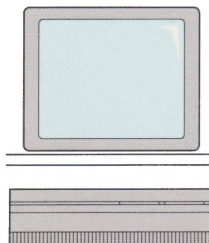
- If you have a very large monitor, such as an AppleTM Two-Page Monochrome Monitor, don't put it on top of the computer.
- No matter what hardware arrangement you choose, be careful not to block the air vents on either the computer or the monitor.



Portrait monitor



12" or 13" monitor

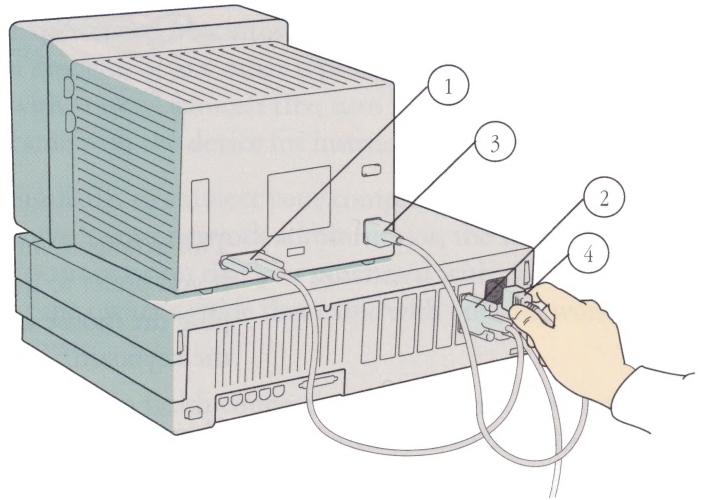


Two-page monitor

2. Attach the video cable (1 and 2 in the illustration).

Make sure to tighten the thumbscrews at both ends of the cable.

3. Attach the monitor power cord (3 and 4 in the illustration).

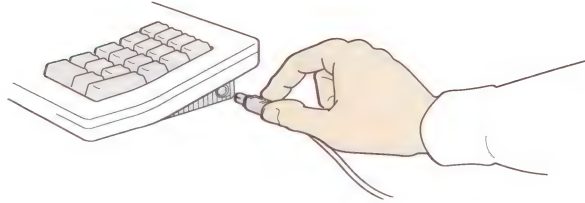


△ **Important:** The voltage from the monitor power outlet at the rear of the CPU is equivalent to the same voltage providing power to the CPU. △

Connecting a mouse and a keyboard

You have a choice of keyboards for your Macintosh IIx, but the procedure for connecting them is the same.

1. Plug the mouse cable into the port on the right side of the keyboard.



This arrangement works best for right-handed people. If you prefer to use the mouse with your left hand, plug the mouse cable into the port on the left side of the keyboard.

2. Plug one end of the keyboard cable (both ends are the same) into the other port on the keyboard.
3. Plug the other end of the keyboard cable into either of the two ports marked with this icon (on the back of the computer):

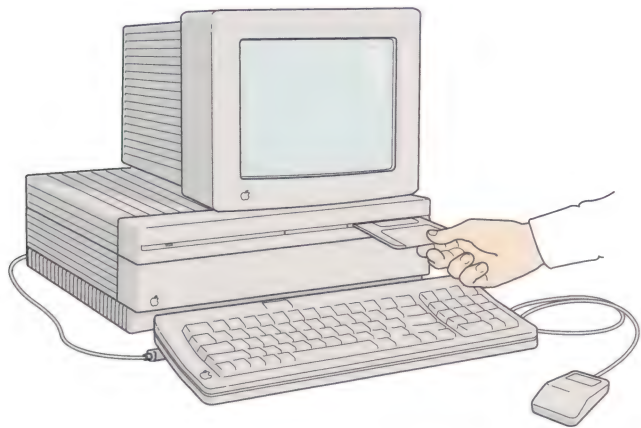


Learn basic Macintosh skills

- ◆ **New Macintosh users**—If you have not used a Macintosh computer before, take time now to learn the basic skills you'll need to operate your computer. You'll be using the tour disk labeled *Macintosh Basics*, which came with your computer. This section explains how to start the tour.
- ◆ **Experienced Macintosh users**—If you have already mastered basic Macintosh skills, you can turn to page 15, "Prepare Your Hard Disk."

Starting the tour

1. Insert the *Macintosh Basics* disk into the disk drive, metal end first, label side up.



2. Turn on the monitor by pressing its on/off switch.

If you have an Apple monitor, the switch is on the back of the monitor and is marked with this icon:



You can leave this switch on permanently. From now on, turning the computer on and off also controls the monitor.

3. Turn on the computer by pressing the Power On key.

Depending on the type of keyboard you have, you'll find the Power On key either in the top center or top-right corner of the keyboard.



Power on key, top center



Power on key, top-right corner

You hear a power-on tone from the computer, and in a few moments you see a display welcoming you to the *Basics* disk. Just follow the instructions provided in the tour.

Adjusting the screen contrast

If the screen appears too dark, adjust its brightness and contrast controls. On Apple monitors the controls are marked with these icons:



If you have questions about these or other monitor controls, see the manual that came with your monitor.

Quitting the tour

When you're ready to quit the tour, follow these steps.

1. **From any screen, click the button labeled “Menu.”**

This button takes you back to the topic menu for that section of the tour.

2. **Click the box labeled “Return to Main Menu.”**

This option takes you back to the Main Menu for the tour.

3. **Click the box labeled “Quit the Tour.”**

4. **Click “Yes” to confirm that you want to quit.**

The screen goes blank for a moment and the tour disk is ejected from the disk drive.

Now you're ready to continue setting up your computer.

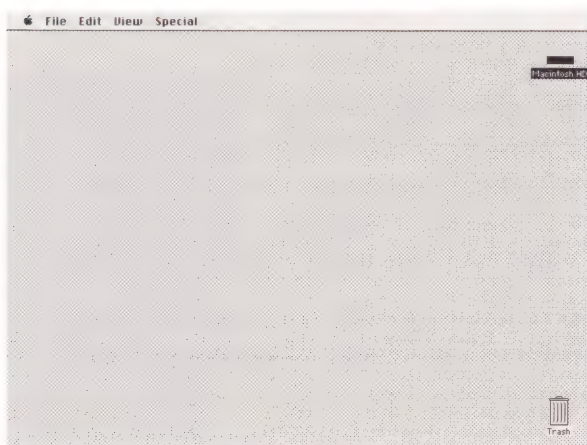
Prepare your hard disk

If your Macintosh IIfx doesn't have a hard disk, skip ahead to “Learn More About Your Computer” on page 19.

- ◆ **New Macintosh users**—If you just quit the tour, your computer is still turned on.
- ◆ **Experienced Macintosh users**—If you skipped the tour, turn on your monitor and the power to the computer now. (If you aren't sure how to do this, steps 2 and 3 on page 13 provide instructions.)

What you see on the screen at this point depends on whether your hard disk has already been prepared for use. Preparing a hard disk involves two steps: initializing the disk (preparing it to store information) and installing the system software that allows your computer to operate.

- If you see the Macintosh desktop on your screen, your hard disk has been initialized, and the appropriate system software has been installed on it.



Your computer is ready to use. Turn now to page 18, “Turning the Computer On and Off.”

Attention A/UX users: If you purchased a computer with A/UX™ installed on the hard disk, turn instead to the *A/UX Installation Guide* for further instructions.

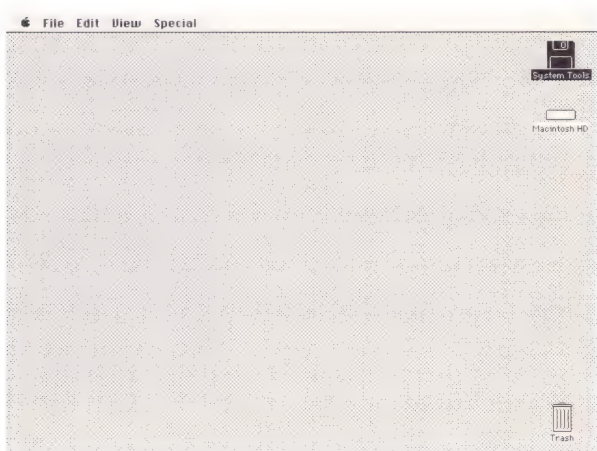
- If you see an icon with a blinking question mark on your screen, the hard disk needs further preparation.



Your next step is to insert the *Macintosh System Tools* disk, which came with your computer, into a floppy disk drive.

What you see next depends on whether your hard disk has been initialized.

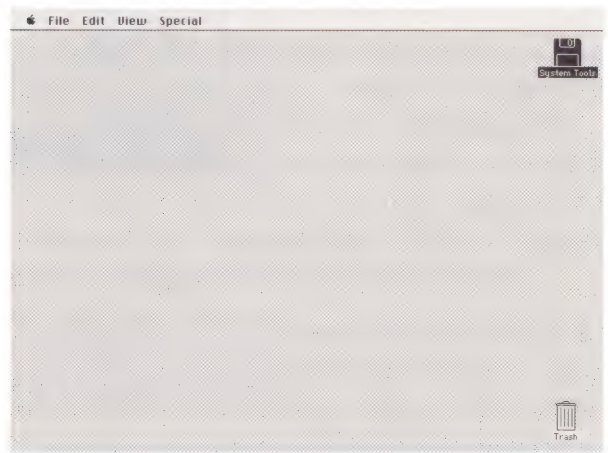
- If your screen looks like the illustration below, your hard disk has been initialized but has not yet had system software installed on it.



See Chapter 2 of the *Macintosh Reference* for instructions on using the Installer program on the *Macintosh System Tools* disk to install the appropriate system software on your hard disk.

After you install system software on your hard disk, continue to page 18 of these instructions.

- If your screen looks like the illustration below—that is, if you *don't* see a Macintosh HD icon on your screen below the System Tools icon—you need to initialize the hard disk before you can install system software on it.



See Chapter 6 of the *Macintosh Reference* for information about initializing hard disks. Then see Chapter 2 of the *Macintosh Reference* for instructions on using the Installer program on the *Macintosh System Tools* disk to install the appropriate system software on your hard disk.

After you initialize the hard disk and install system software on it, continue to page 18 of these instructions.

Turning the computer on and off

You've seen that you turn on both the monitor and the computer by pressing the Power On key at the top of your keyboard. However, this key does not also turn the power off.

To turn the computer off at the end of a work session, use the mouse to choose the Shut Down command from the Special menu.



Choosing Shut Down readies the hard disk for a fast restart next time you turn on the computer. It also prompts you to save your work onto a disk, if you haven't already done so, before turning the power off.

▲ **Warning:** Don't turn the computer off by pressing the power switch on its back panel. This switch is not intended for regular use. If you press it to turn off the computer, you will lose any work you had not previously saved onto a disk. ▲

△ **Important:** The power switch does not prevent power reaching the CPU. The primary circuitry of the power supply is always energised when the power cord is attached. △

Learn more about your computer

Training and reference materials

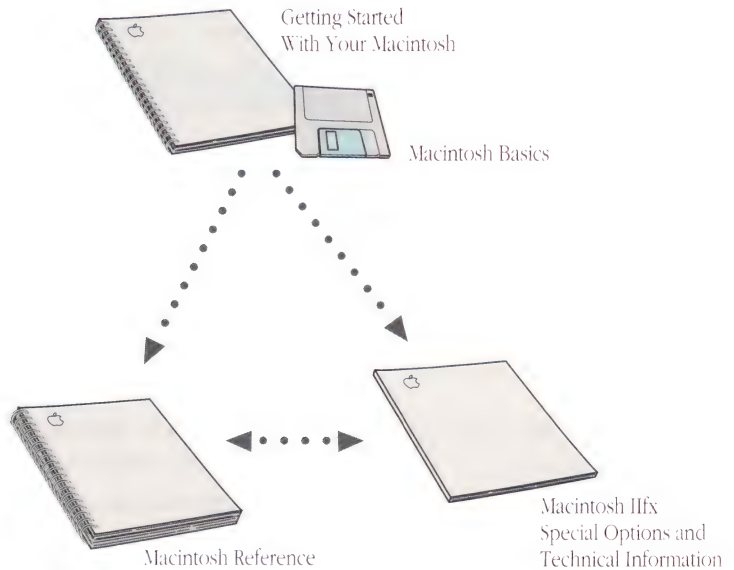
Your computer comes with a variety of training and reference materials. Depending on your computer experience, the way you learn, and the way you use your computer, you may use all, some, or none of them.

- *Macintosh Basics*—A disk that provides electronic training in basic Macintosh skills such as moving the mouse and working with menus and windows. This disk uses animation and sound to simulate the environment of the Macintosh (that is, you can learn and practice without any risk to the real Macintosh software). You've already seen this disk if you worked through pages 12–14 of these instructions.
- *Getting Started With Your Macintosh*—A book that provides training in basic Macintosh tasks such as working with disks, getting started with software programs, and saving and organizing documents. This guide covers the same material as the *Macintosh Basics* disk plus some additional topics, and allows you to work on the real Macintosh desktop.
- *Macintosh Reference*—A comprehensive, task-oriented, hardware and software reference book. An illustrated glossary summarizes Macintosh terms and concepts. This manual is for all users who have completed the *Basics* disk or the *Getting Started* book, or who already have some Macintosh experience.

- *Macintosh IIx Special Options and Technical Information*—A booklet containing information and safety instructions related to your model of Macintosh computer.

A path for new users

The illustration below suggests an order in which you might want to use these materials. Start with the *Basics* disk or the *Getting Started* book, and then refer to the *Reference* book, the *Special Options* booklet, and the *Looking Inside* disk as you have further questions.



A path for experienced users

Just refer to the *Reference* book or the *Special Options* booklet for information on topics that interest you.

What next?

Please see your *Macintosh Reference* and the *Macintosh IIfx Special Options and Technical Information* booklet for important safety information about your computer. Then:

- If you have any optional devices (such as a printer or modem) that you haven't connected to your computer yet, connect them now. See the manual(s) that came with the device(s) for instructions.
- If your Macintosh IIfx has neither an internal nor an external hard disk, you'll want to create one or more floppy startup disks to use with your computer. See Chapter 2 of the *Macintosh Reference* for more information.
- Look at the HyperCard™ program that comes with your Macintosh IIfx. (HyperCard has already been installed on your hard disk if you see a folder labeled "HyperCard" on your Macintosh desktop.)
- Look at the programs you may have purchased along with your computer. See the manuals that came with the programs for instructions on their installation and use.
- A/UX users—See the *A/UX Installation Guide* for instructions on installing A/UX. The *Road Map to A/UX* provides more information about this operating system and its documentation.
- Network users—See the *Network Products Installer* disk and its accompanying instructions for information about installing device drivers that you may need to use with your computer.

Save this guide; it contains information not covered in the other manuals that came with your computer.

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